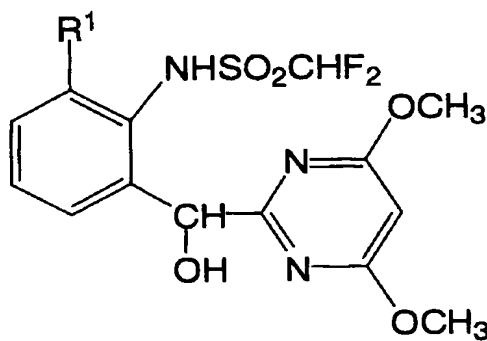


## CLAIMS

1. A granular pesticide preparation characterized by comprising non-disintegrable pesticide granules containing an acidic pesticidal active ingredient, a cationic surfactant and a basic substance which granules are not disintegrated in water within 30 minutes and a pesticidal active ingredient, and having a granule size of 0.3 to 3 mm in diameter or of 0.6 to 3 mm in breadth and 2 to 10 mm in length, wherein said preparation has properties of settling in water rapidly after application on water surface and of disintegration in water within 30 minutes.
2. The granular pesticide preparation according to claim 1, wherein the acidic pesticidal active ingredient has a pKa of 2 to 7.
3. The granular pesticide preparation according to claim 1, wherein the acidic pesticidal active ingredient is a herbicide.
4. The granular pesticide preparation according to claim 3, wherein the herbicide is a sulfonylurea-based compound.
5. The granular pesticide preparation according to claim 3, wherein the herbicide is a difluoromethanesulfonylanilide derivative represented by the formula:



wherein R<sup>1</sup> in the formula is a hydrogen atom, an alkyl group or an alkoxyalkyl group, or a salt thereof.

6. The granular pesticide preparation according to claim 1, wherein the basic substance is sodium hydrogen carbonate, sodium carbonate, calcium hydroxide, calcium carbonate, basic white carbon or basic Japanese acid clay.
7. The granular pesticide preparation according to claim 1, wherein the cationic surfactant is gelled or becomes swollen in water.
8. A production method of a granular pesticide preparation characterized in that non-disintegrable pesticide granules and a pesticidal active ingredient are subjected to a granulating treatment together with a surfactant and an extender to form granules having a granule size of 0.3 to 3 mm in diameter or of 0.6 to 3 mm in breadth and 2 to 10 mm in length, wherein said non-disintegrable pesticide granules contain an acidic pesticidal active ingredient, a cationic surfactant and a basic substance, and are not disintegrated in water within 30 minutes.
9. The production method according to claim 8, wherein the granulation treatment is performed by extrusion granulation through a screen of which the mesh opening has a diameter larger than the granule size or granule length of the non-disintegrable pesticide granules.